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PTO/SB/08A (10-01)

Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/784,995
				Filing Date	February 25, 2004
				First Named Inventor	K. KARI, et al.
				Art Unit	Unknown 2188
				Examiner Name	Unknown M. Indo
Sheet	1	of	1	Attorney Docket Number	566.32253CC8

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		T ⁶
MI		JP - 05-324000	12-07-1983	SHARP CORP	
MI		JP - 02-288997	11-29-1990	HITACHI LTD	
MI		JP - 63-288384	11-25-1988	MATSUSHITA ELECTRIC IND CO LTD	

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), <small>in which city and country where published</small>

Examiner Signature	Mudys Inoa	Date Considered	3/20/05
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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard SL3). ⁴For Japanese patent documents, the indication of the year of the right of the

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Sheet	1	of	3	Application Number	Not assigned yet
				Filing Date	On even date herewith
				First Named Inventor	K. KAKI, et al.
				Art Unit	Not assigned yet
				Examiner Name	Not assigned yet
				Attorney Docket Number	566.32253CC8

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (<i>if known</i>)			
MI		4,803,554		02/1989	Pape	
MI		5,222,046		06/1993	Kreifels	
MI		5,386,539		01/1995	Nishi	
MI		5,437,020		07/1995	Wells et al.	
MI		5,544,356		08/1996	Robinson et al.	
MI		4,899,272		02/1990	Fung et al.	
MI		4,924,375		05/1990	Fung et al.	
MI		5,268,870		12/1993	Harari	
MI		5,341,489		08/1994	Heilberger	
MI		5,053,990		10/1991	Kreifels et al.	
MI		5,263,003		11/1993	Cowles et al.	
MI		5,295,255		03/1994	Malecek et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Number			
MI		JP 62-36799		02/1987		T ⁶
MI		DE 3200872		07/1983		
MI		JP 1-235075		09/1989		
MI		GB 2251323		07/1992		
MI		WO 92-18928		10/1992		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS					
Examiner Initials'	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), which city and/or country where published			
MI		Hitachi IC Memory Data Book, Mar. 1989, pp. 65-72 & 746-751			
MI		Eli Harari "Semiconductor Device employing flash EEPROM, optimization to be used for an external storage device for small-sized personal computer" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 155-168			
MI		Eli Harari "Semiconductor disk device using a flash EEPROM, optimizing for the external storage of small sized PC" Nikkei Electronics, Japan, Nikkei BP Feb. 17, 1992, No. 547, pp. 155-168			
MI		Yoshi TOKUSHIGE et al., "Future vision of N and type EEPROM, enlarging the capacity by twice in a year and producing an exclusive device with 64M in 1994" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 169-186			

Examiner Signature	Midys Jnoa	Date Considered	8/20/05
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				Filing Date	On even date herewith
				First Named Inventor	T. KOBAYASHI, et al.
				Art Unit	Not assigned yet
				Examiner Name	Not assigned yet
				Attorney Docket Number	500.38759CC8

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		Number	Kind Code ³ (if known)		
ME		5,267,218		11/1993	Elbert
MI		5,245,572		09/1993	Kosonocky
MI		5,280,447		01/1994	Hazen et al.
MI		6,145,050		11/1900	Kaki et al.
MI		5,065,364		11/1991	Atwood et al.
MI		5,043,940		08/1991	Harari
MI		4,563,752		01/1986	Pelgrom et al.
MI		5,297,148		03/1994	Harari et al.
MI		5,359,569		10/1994	Fulita et al.
MI		5,341,339		08/1994	Wells
MI		5,418,752		05/1995	Harari et al.
MI		5,530,828		06/1996	Kaki et al.

FOREIGN PATENT DOCUMENTS					
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Foreign Patent Document		
MI		JP 2-292798		12/4/90	
MI		JP 2-62687		3/02/90	
MI		JP 5-27924		2/05/93	
MI		JP 2-304614		12/18/90	
MI		JP 2-149165		12/19/90	
MI		JP 4-57295		2/25/92	
MI		JP 3-252993		11/12/91	
MI		JP 4-33029		2/04/92	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
MI		JP 5-204561	08/1993			
MI		JP 5-241741	09/1993			
MI		JP 5-027924	02/1993			
MI		JP 5-028039	02/1993			

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